

FIG. 1

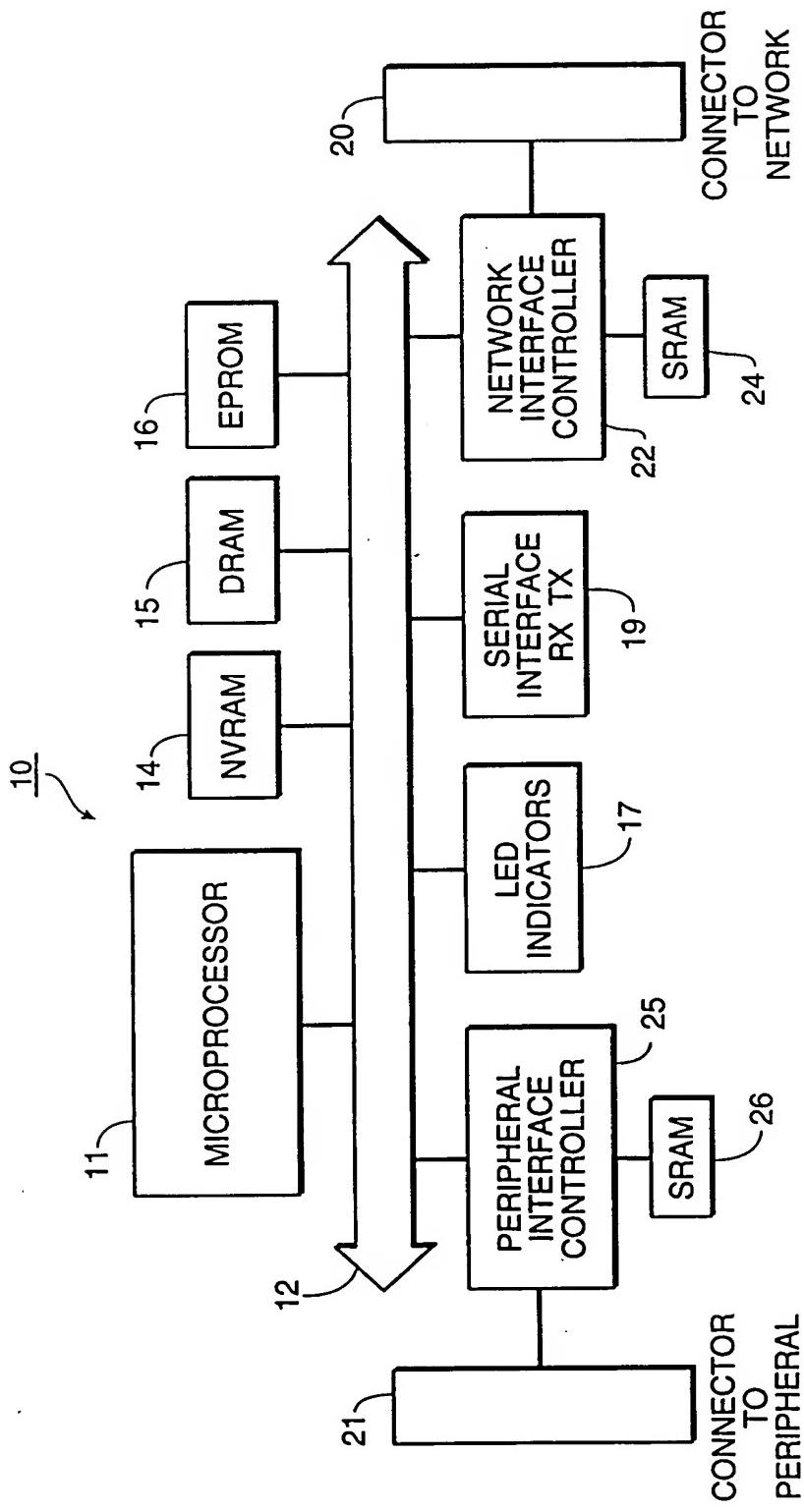


FIG. 2

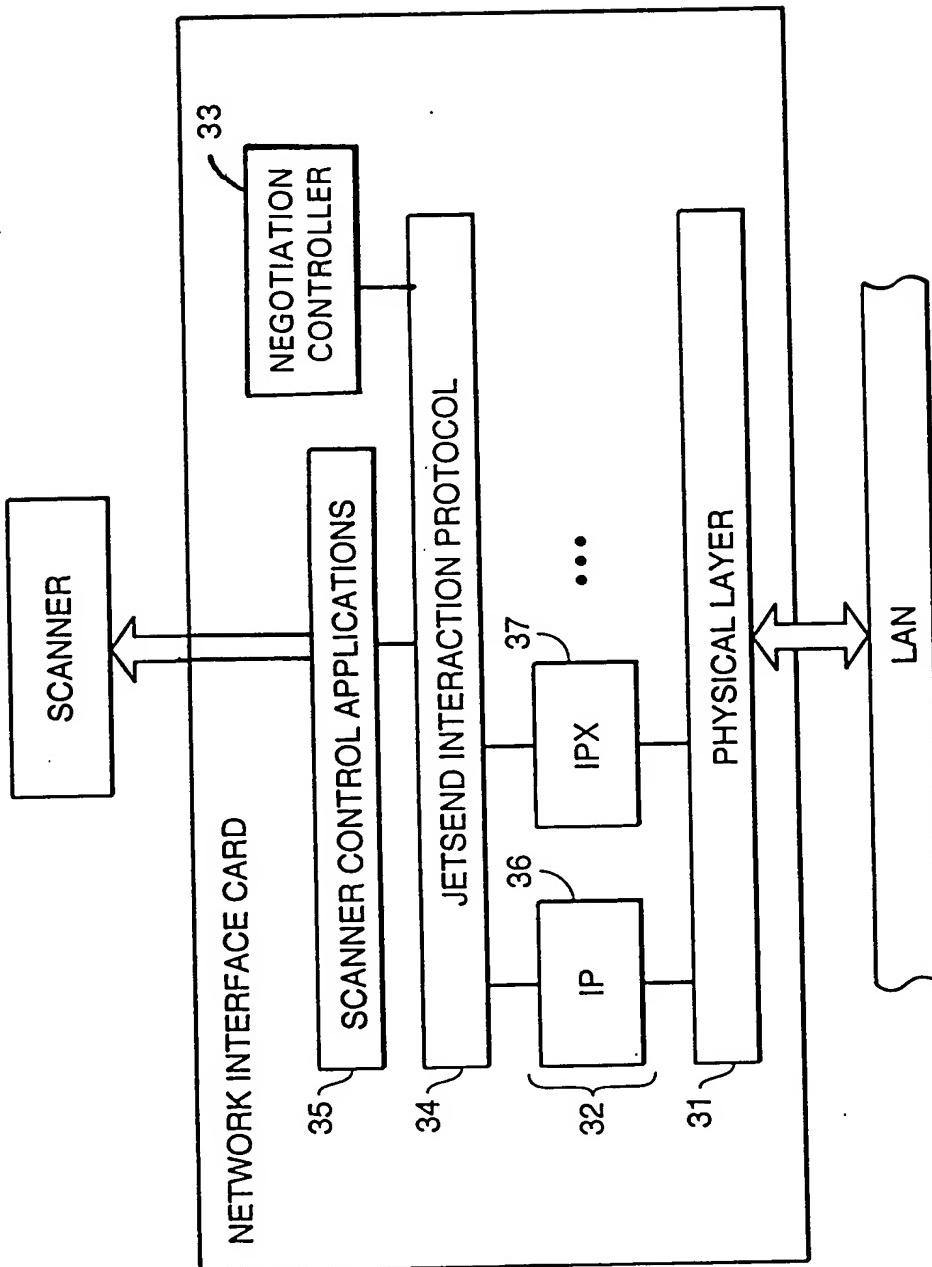


FIG. 3

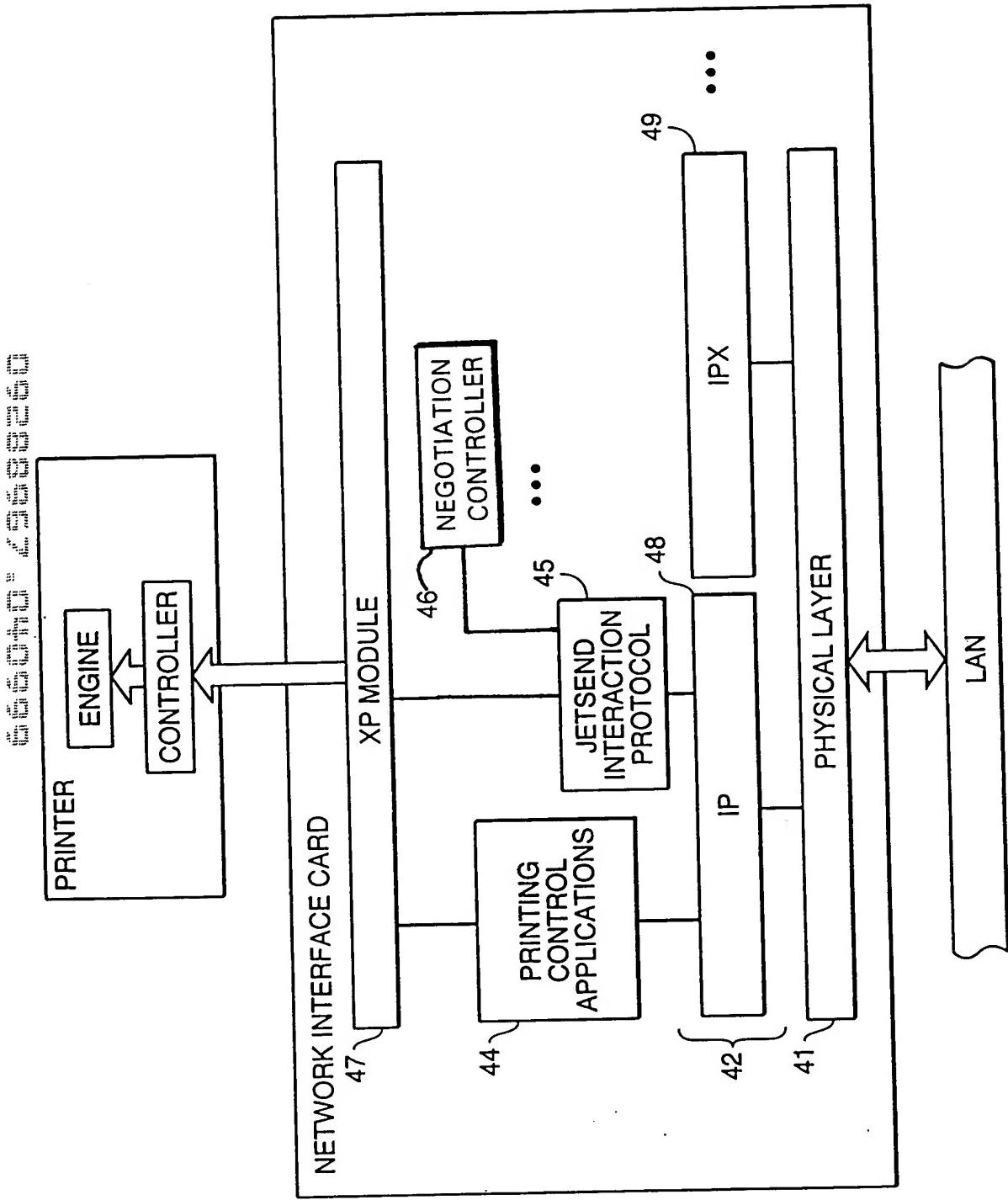


FIG. 4

Device Class Module	
Device Type	~ 51
Device Processing Power	~ 52
Platform CPU	~ 54
Platform O.S.	~ 55
Storage Availability	~ 56

FIG. 5

Function Code Description Module	
Function ID	~ 61
Version	~ 62
Name	~ 64
Purpose	~ 65
Processing Cost Factor	~ 66
Size	~ 67
Exportability	~ 68

FIG. 6

NEGOTIATE
ASSIGNMENT
OF FUNCTIONALITY
BETWEEN DEVICES
SO AS TO EFFECT
TRANSFER OF
IMAGE DATA

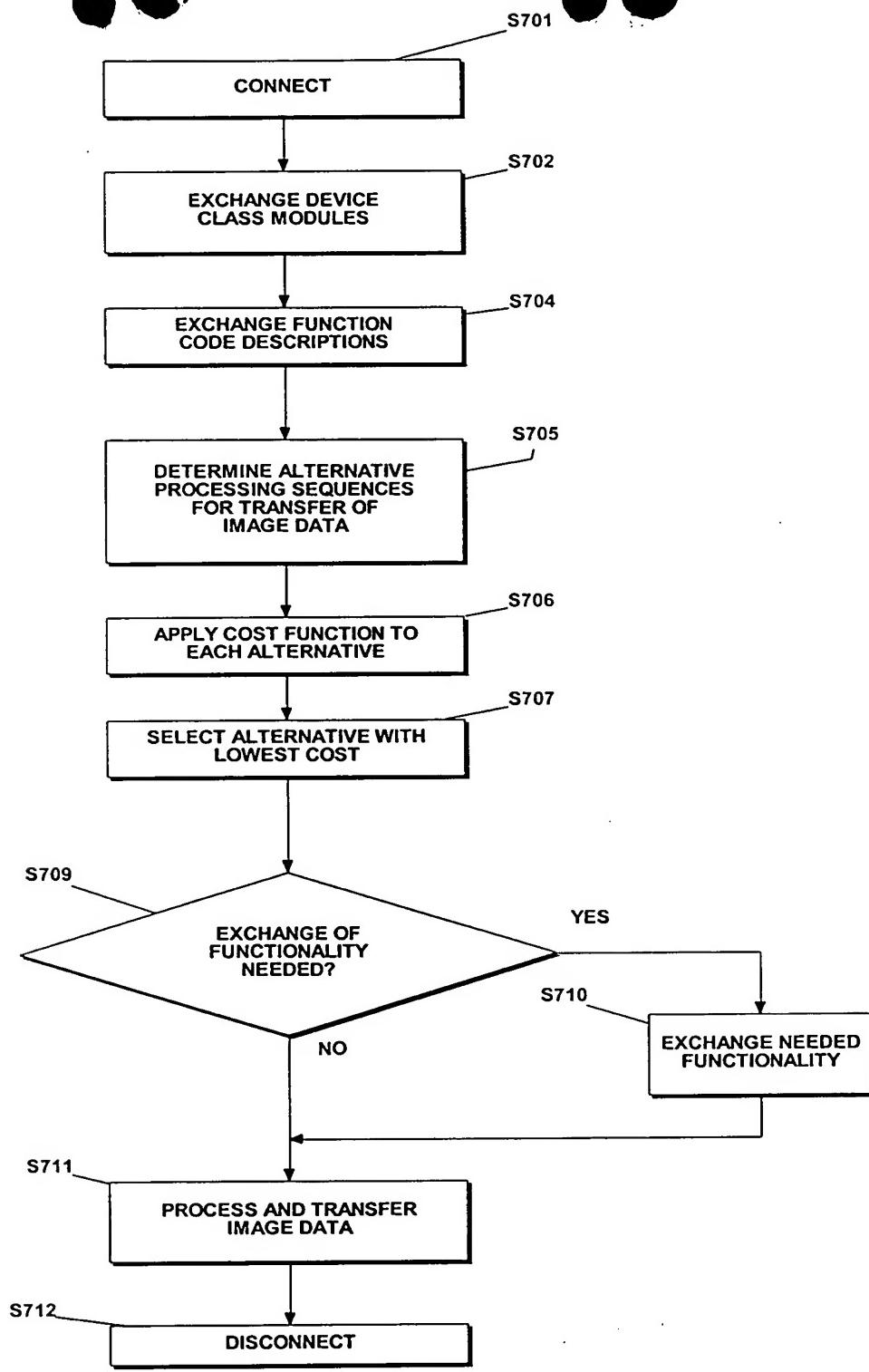
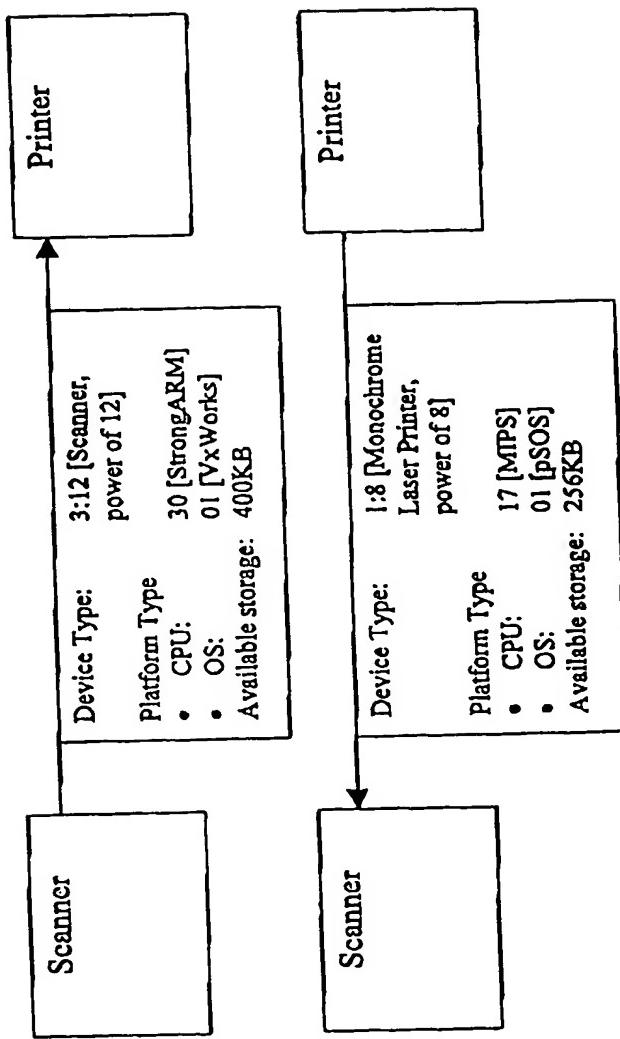


FIG. 7

FIG. 8



Scanner	Scanner Function A	Printer
	<p>Scanner Function A</p> <ul style="list-style-type: none"> • ID: 1:1 [Conversion: Color→Gray] • Version: 1.00.00 • Name: "Color/Gray conversion" • Purpose: "Converts 24 bit color images to 8 bit gray scale images." • Processing Cost: 15 [15 second operation at scanner] • Size: 64K • Exportable: Yes: Platform Dependent 	
 Scanner Function B <ul style="list-style-type: none"> • ID: 1:2 [Conversion: Gray→B&W] • Version: 3.00.00 • Name: "Gray/B&W conversion" • Purpose: "Converts 8 bit color images to black and white images." • Processing Cost: 12 [12 second operation at scanner] • Size: 85K • Exportable: Yes: Platform Independent 	 Scanner Function C <ul style="list-style-type: none"> • ID: 6:6 [Decompression: JPEG] • Version: 1.10.09 • Name: "JPEG" • Purpose: "Decompress images -- best for color photographs. Note that it is a lossy scheme!" • Processing Cost: 20 [20 second operation at scanner] • Size: 90K • Exportable: No 	

FIG. 9A

Scanner	Printer Function A	Printer
	<ul style="list-style-type: none"> • ID: 1:2 [Conversion: Gray→B&W] 	
	<ul style="list-style-type: none"> • Version: 2.00.23 	
	<ul style="list-style-type: none"> • Name: "Gray/B&W conversion" 	
	<ul style="list-style-type: none"> • Purpose: "Converts 8 bit color images to black and white images." 	
	<ul style="list-style-type: none"> • Processing Cost: 10 [10 second operation at printer] 	
	<ul style="list-style-type: none"> • Size: 40KB 	
	<ul style="list-style-type: none"> • Exportable: No 	
	Printer Function B	
	<ul style="list-style-type: none"> • ID: 5:9 [Compression & Decompression: JPEGLS] 	
	<ul style="list-style-type: none"> • Version: 1.10.09 	
	<ul style="list-style-type: none"> • Name: "JPEG-LS" 	
	<ul style="list-style-type: none"> • Purpose: "Compress images - best for color photographs. Note that it is a loss-less scheme!" 	
	<ul style="list-style-type: none"> • Processing Cost: 25 [25 second operation at printer] 	
	<ul style="list-style-type: none"> • Size: 100KB 	
	<ul style="list-style-type: none"> • Exportable: Yes: Platform Independent 	

FIG. 9B

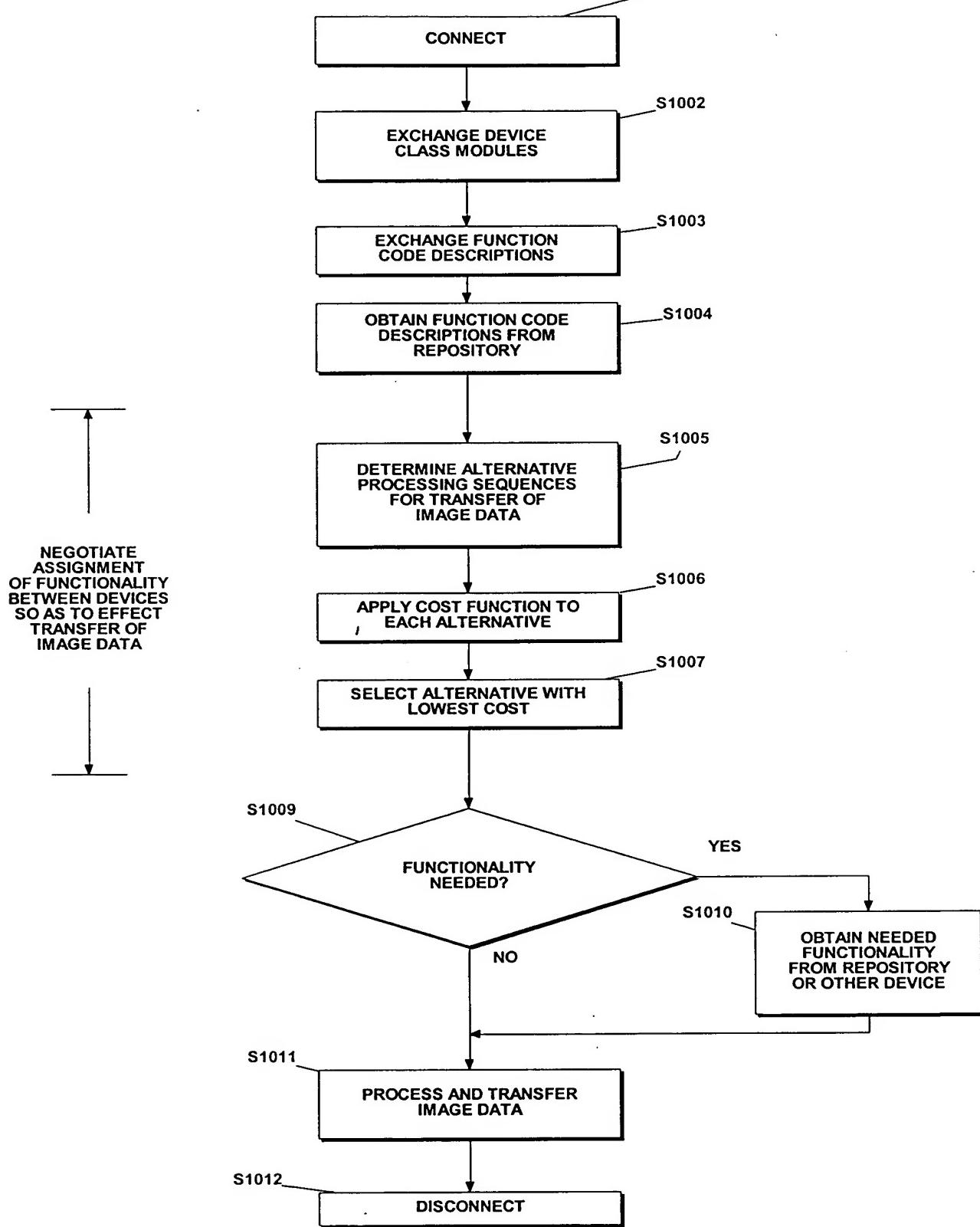


FIG. 10